

No. 57297

# **APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA**

Date of filing in State Engineer's Office MAR 12 1992

Returned to applicant for correction \_\_\_\_\_

Corrected application filed \_\_\_\_\_

Map filed MAR 18 1992 under 57286The applicant Brady Power Partners6200 S. Syracuse Way, Suite 125, of Englewood

Street and No. or P.O. Box No.

City or Town

Colorado, 80111, hereby make... application for permission to appropriate the public

State and Zip Code No.

waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

Nevada Geothermal Power Partners, Limited PartnerESI Energy, Inc., Limited Partner1. The source of the proposed appropriation is underground (geothermal reservoir)  
Name of stream, lake, spring, underground or other source2. The amount of water applied for is 1.59 CFS second-feet  
One second-foot equals 448.83 gals. per min.

(a) If stored in reservoir give number of acre-feet \_\_\_\_\_

3. The water to be used for industrial and domestic (geothermal power)  
Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.

4. If use is for:

(a) Irrigation, state number of acres to be irrigated \_\_\_\_\_

(b) Stockwater, state number and kinds of animals to be watered \_\_\_\_\_

(c) Other use (describe fully under No. 12. "Remarks") \_\_\_\_\_

(d) Power:

(1) Horsepower developed \_\_\_\_\_

(2) Point of return of water to stream \_\_\_\_\_

5. The water is to be diverted from its source at the following point Production Well 56-1, SW/4  
Describe as being within a 40-acre subdivision of publicNW/4 SE/4, Sec. 1, T22N, R26E, having a bearing S15°06'56"W,  
survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.1986.48' from S/4 corner, Section 1.6. Place of use Brady Power Partners Geothermal Power Plant, SW/4 SW/4  
Describe by legal subdivision. If on unsurveyed land, it should be so stated.SE/4, Section 1, T22N, R26E.January 1December 317. Use will begin about \_\_\_\_\_ and end about \_\_\_\_\_, of each year.  
Month and Day Month and Day8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) Geothermal production wells andpipings to geothermal power plant facilities and injection wells.  
State manner in which water is to be diverted, i.e., diversion structure, ditches andflumes, drilled well with pump and motor, etc.

9. Estimated cost of works production wells/wellfield: \$8 million.
10. Estimated time required to construct works wellfield: 10 months (August, 1991-June, 1992)  
If well completed, describe works.
11. Estimated time required to complete the application of water to beneficial use 4 months (June, 1992)
12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use:  
This is not a new appropriation. It is an application to increase the maximum flow rate allowed under an existing water permit from 3.41 to 5.0 cfs. The annual withdrawal will not exceed the maximum 2466 acre-feet per year allowed under the existing permit no. 49946.
- By s/G. Martin Booth  
G. Martin Booth III, Agent  
251 Ralston Street  
Reno, Nevada 89503
- Compared cc/ jjs:ap/se
- Protested \_\_\_\_\_

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to existing rights. It is understood that the amount of geothermal fluid herein granted is only a temporary allowance and that the final right obtained under this permit will be dependent upon the amount actually placed to beneficial use. It is also understood that this right must allow for a reasonable decrease of fluid pressure and heat. The well shall be equipped and maintained to prevent any waste of the geothermal fluid. Accurate measurements must be kept of discharge of the production well and the amount of fluid injected into the injection well to determine the total amount of fluid diverted and consumed for a beneficial use.

The production and injection well are to be cemented from the producing levels to the surface to protect fresh water zones. This permit is issued subject to the condition that only geothermal fluids are to be diverted and used beneficially for heating purposes and fresh, cold water aquifers are not to be diverted. The used geothermal fluids are to be returned to the source via the injection well. The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

(CONTINUED ON PAGE 2)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 1.59 cubic feet per second.

Work must be prosecuted with reasonable diligence and be completed on or before May 26, 1994

Proof of completion of work shall be filed before June 26, 1994

Application of water to beneficial use shall be filed on or before May 26, 1997

Proof of the application of water to beneficial use shall be filed on or before June 26, 1997

Map in support of proof of beneficial use shall be filed on or before N/A

Completion of work filed AUG 17 1994

Proof of beneficial use filed JUL 23 1998

Cultural map filed \_\_\_\_\_

Certificate No. 15027 Issued OCT 08 1998

IN TESTIMONY WHEREOF, I, R. MICHAEL TURNIPSEED, P.E.  
State Engineer of Nevada, have hereunto set my hand and the seal of my

office, this 21st day of July

A.D. 1992

  
State Engineer

## (PERMIT TERMS CONTINUED)

A report for this well must be filed under this permit describing the amount of geothermal fluid diverted and consumed to a beneficial use for the duration of this permit. This report must detail the amount of fluid produced, injected and delivered to Gilroy Foods, Inc.

The total combined withdrawal of the geothermal fluid under Permits 57238 through 57245, inclusive, 57286 through 57297, inclusive, and 57807-T through 57814-T, inclusive, shall be limited to 19,572 acre-feet per year withdrawal but the total consumptive use of the geothermal fluid is limited to 4,276 acre-feet per year. The State Engineer does not waive the right to make a determination of incidental fluid losses at any time and impose additional conditions thereto. This permit is further issued subject to the provisions of NRS 533.372(1) and with the understanding that the power or energy generated by the beneficial use of this water or steam is subject to recapture and use within the boundaries of the State of Nevada when the need arises.

This permit is further issued subject to the agreements executed by and between Gilroy Foods, Inc. and Brady Hot Springs Geothermal Associates dated December 18, 1987; Gilroy Foods, Inc. and Nevada Geothermal Power Partners, Limited Partnership dated February 1, 1991; and the State Engineer's Ruling No. 3894 dated June 26, 1992.

